

08/18/2003 MON 17:47 FAX 12489888363 Carlson, Gaskey & Olds

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60246-141

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Otter
Serial No.: 09/930,007
Filed: August 14, 2001
Group Art Unit: 1733
Examiner: Piazza Corcoran, Gladys Josefina
Title: CONDENSING HEAT EXCHANGER FORMED OF
NORBORNENE POLYMER

RESPONSE

Commissioner of Patents
P.O. BOX 1450
Alexandria, VA 22313

Sir:

This paper is responsive to the Office Action mailed on April 18, 2003. Claims 1-27 are pending in this application. Claims 3, 6 and 27 have been amended. Please amend the application as follows.

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AMENDMENT

IN THE CLAIMS:

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1. (ORIGINAL) A method for making a heat transfer component comprising the steps of:
forming a plurality of cells of a norbornene polymer; and
using said cells as part of said heat transfer component.
 2. (PREVIOUSLY PRESENTED) The method as recited in claim 1 wherein the step of forming each of said plurality of cells includes melting said norbornene polymer and hot extruding said norbornene polymer to form at least one extruded tube.
 3. (CURRENTLY AMENDED) The method as recited in claim 2 wherein the step of forming each of said plurality of cells includes extruding a first extruded tube and a second extruded tube, the method further comprising expanding said inner first extruded tube with air in a first mold to form a first expanded tube and expanding said second extruded tube with air in a second mold to form a substantially u-shaped second expanded tube.
 4. (PREVIOUSLY PRESENTED) The method as recited in claim 3 wherein said first expanded tube and said u-shaped second expanded tube include a plurality of tube grooves formed by expanding said first extruded tube and said u-shaped second extruded tube in said first mold and said second mold, respectively, each including a plurality of mold grooves on an inner surface of said first mold and said second mold.
 5. (PREVIOUSLY PRESENTED) The method as recited in claim 3 wherein said first expanded tube includes an end and said second expanded tube includes a pair of ends, and the method further comprises the step of attaching said end of said first expanded tube and said pair of ends of said u-shaped second expanded tube to a flange to form one of said cells, and said first expanded tube is located in an opening of said u-shaped second expanded tube that is defined between said pair of ends, and a flue gas passage containing a flue gas is defined between said first expanded tube and said u-shaped second expanded tube.